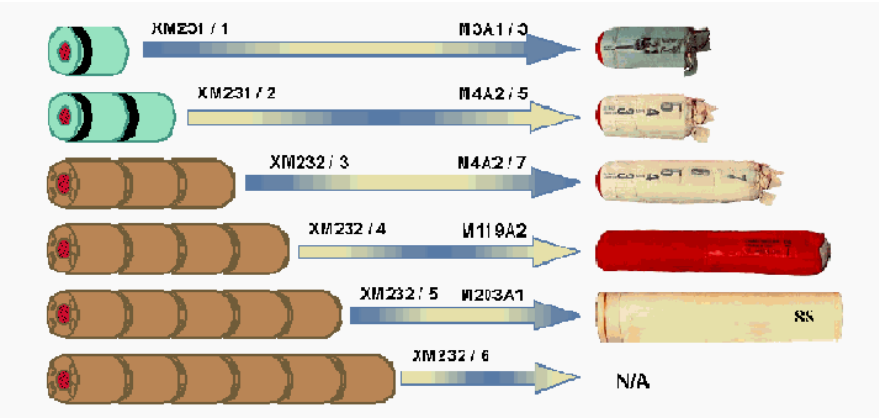
FIRE SUPPORT SYSTEMS

FIELDED FIRING SYSTEMS TEAM

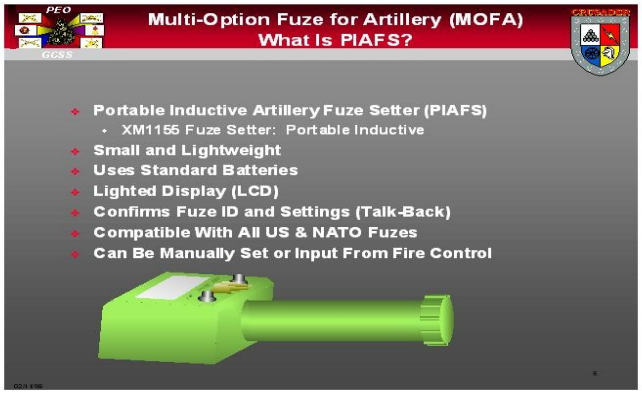
Team Leader, Major Seger
GySgt Hoffart, SSgt Vaughn, SSgt Williams, Mr Reynolds, Mr Gregory

Fielded Firing Systems

MOFA



MACS


Multi-Option Fuze for Artillery (MOFA)
What Is PIAFS?
Portable Inductive Artillery Fuze Setter (PIAFS)
XM1155 Fuze Setter: Portable Inductive
Small and Lightweight
Uses Standard Batteries
Lighted Display (LCD)
Confirms Fuze ID and Settings (Talk-Back)
Compatible With All US & NATO Fuzes
Can Be Manually Set or Input From Fire Control

PIAFS

Multi Option Fuze Artillery (MOFA)

Multi Option Fuze Artillery (MOFA)

System Description

- Inductively set fuze that incorporates proximity, time, delay after impact, and point detonating fuze functions.
- Replace M732, M732A2, M557, M582, and M767 fuzes.
- Utilize the Portable Inductive Artillery Fuze Setter (PIAFS)

Schedule

- Procurement Authority February FY04
- IOC FY06
- FOC FY07

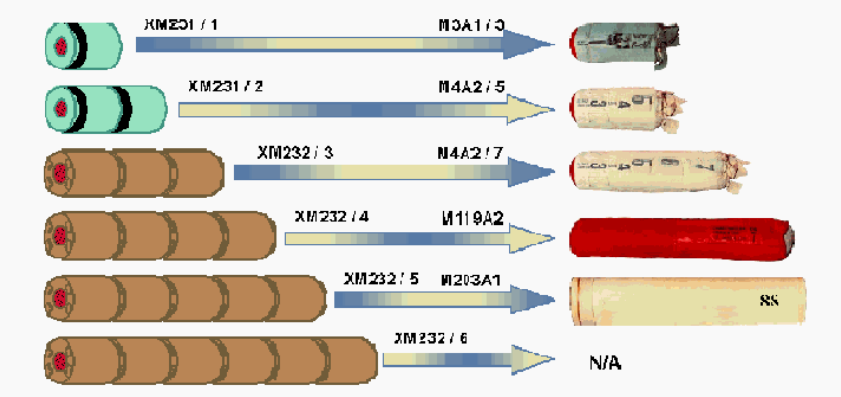
*The MOFA program is a post MS C Army program. The intent is for the USMC MOFA program to proceed to a USMC procurement decision.

Funds ($M)

	FY04	FY05	FY06	FY07	FY08	FY09
PANMC	4.397	14.177	14.933	9.629	15.519	11.115

Modular Artillery Charge System(MACS)

MACS



System Description

- Consists of two basic propelling charges (M231, M232)
- Replaces M3A1, M4A2, M119A2, M203A1
- Extended Range to 40 km
- No unused increments—"no powder burns"
- Reduced logistical footprint
- Environmentally safe

Schedule

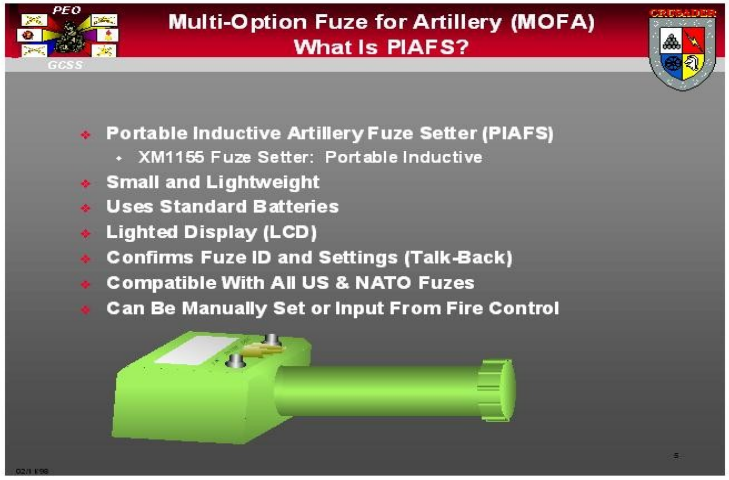
- Procurement Authority* February FY04
- IOC 4thQtrFY06
- FOC 1st QtrFY10

*The MACS program is a post MS C Army program. The intent is for the USMC MACS program to proceed to a USMC procurement decision.

Funds ($M)

	FY04	FY05	FY06	FY07	FY08
PANMC (M231)	4,000	16,000	20,000	8,000	13,000
PANMC (M232)	3,000	11,000	27,075	12,290	20,000

Portable Inductive Artillery Fuze Setter (PIAFS)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System Description

- Lightweight, hand-held electronic device that mates with and is used to set electronic settable fuzes.
- Powered by replaceable internal batteries; displays fuze setting functions selected and confirmation that the fuze has been properly set.
- Supports all inductively set artillery fuzes currently in inventory / production for 105mm and 155mm weapons systems.

Schedule

- Procurement Authority* FY04
- IOC FY06
- FOC FY07

*The PIAFS program is a post MS C Army program. Army fielding is scheduled to begin in May FY04 at Ft. Sill, OK. The intent is for the USMC PIAFS program to proceed to a USMC procurement decision.

Funds ($k)

	FY04	FY05	FY06	FY07
RDT&E	497			
PMC		2410	410	200